

## TEXAS WATER DEVELOPMENT BOARD

## WELL SCHEDULE

Aquifer Wk. G. Group

Field No. \_\_\_\_\_

State Well No. 19-19703

Owner's Well No. \_\_\_\_\_

County MONTAGUE1. Location: 1/4, 1/4 Sec., Block \_\_\_\_\_ Survey \_\_\_\_\_2. Owner: EARL RICHARDSONAddress: MONTAGUE, TEXASTenant: SAMEAddress: 218 TARRANT, BOWIE, TEX.Driller: H.A. RICHARDSON, JR.Address: 218 W. TARRANT, BOWIE, TEXAS3. Elevation of \_\_\_\_\_ is 1091 ft. above sea, determined by TOPO4. Drilled: 5-1 19 69; Dug, Cable Tool, Rotary, \_\_\_\_\_5. Depth: Rept. 415 ft. Meas. \_\_\_\_\_ ft.6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed7. Pump: Mfg. \_\_\_\_\_ Type 546

No. Stages \_\_\_\_\_, Bore Diam. \_\_\_\_\_ in., Setting \_\_\_\_\_ ft.

Column Diam. \_\_\_\_\_ in., Length Tailpipe \_\_\_\_\_ ft.

8. Motor: Fuel Elect Make & Model \_\_\_\_\_9. Yield: Flow \_\_\_\_\_ gpm, Rept. 40 gpm, Meas., Rept. By Driller

10. Performance Test: Date \_\_\_\_\_ Length of Test \_\_\_\_\_ Made by \_\_\_\_\_

Static Level \_\_\_\_\_ ft. Pumping Level \_\_\_\_\_ ft. Drawdown \_\_\_\_\_ ft.

Production \_\_\_\_\_ gpm Specific Capacity \_\_\_\_\_ gpm/ft.

11. Water Level: 551.0 ft. Rept. 5-1 19 69 LSd - By Driller which is \_\_\_\_\_ ft. above surface.

\_\_\_\_\_ ft. Rept. \_\_\_\_\_ 19 \_\_\_\_\_ above \_\_\_\_\_ ft. below surface.

\_\_\_\_\_ ft. Rept. \_\_\_\_\_ 19 \_\_\_\_\_ above \_\_\_\_\_ ft. below surface.

\_\_\_\_\_ ft. Rept. \_\_\_\_\_ 19 \_\_\_\_\_ above \_\_\_\_\_ ft. below surface.

\_\_\_\_\_ ft. Rept. \_\_\_\_\_ 19 \_\_\_\_\_ above \_\_\_\_\_ ft. below surface.

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, \_\_\_\_\_

13. Quality: (Remarks on taste, odor, color, etc.) \_\_\_\_\_

Temp. \_\_\_\_\_ °F, Date sampled for analysis \_\_\_\_\_ Laboratory \_\_\_\_\_

Temp. \_\_\_\_\_ °F, Date sampled for analysis \_\_\_\_\_ Laboratory \_\_\_\_\_

Temp. \_\_\_\_\_ °F, Date sampled for analysis \_\_\_\_\_ Laboratory \_\_\_\_\_

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,

Formation Samples, Pumping Test, \_\_\_\_\_

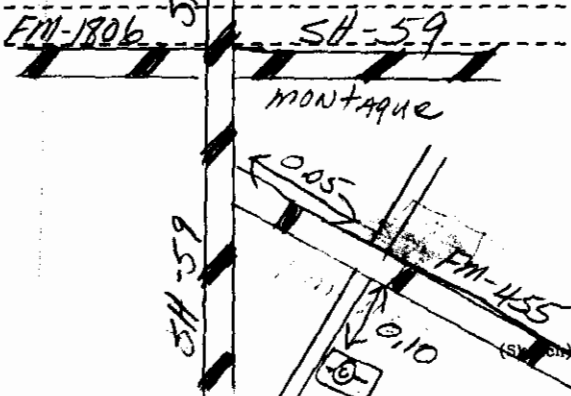
15. Record by: \_\_\_\_\_ Date \_\_\_\_\_ 19 \_\_\_\_\_

Source of Data D.H.W.R.

16. Remarks: \_\_\_\_\_

| CASING & BLANK PIPE                  |       |              |     |
|--------------------------------------|-------|--------------|-----|
| Cemented From _____ ft. to _____ ft. |       | Setting, ft. |     |
| Diam. (in.)                          | Type  | from         | to  |
| 8 1/2                                | Steel | 0            | 126 |
| 7                                    | "     | 0            | 218 |
| 5 1/2                                | "     | 191          | 415 |

| WELL SCREEN                    |       |              |     |
|--------------------------------|-------|--------------|-----|
| Screen Openings <u>Slotted</u> |       | Setting, ft. |     |
| Diam. (in.)                    | Type  | from         | to  |
| 5 1/2                          | Steel | 332          | 342 |
| 5 1/2                          | "     | 390          | 412 |



# DRILLERS' LOG

0-4 - CLAY  
4-60 - PACK SAND  
60-68 - WATER SAND  
68-126 - SHALE + CLAY  
126-136 - WATER SAND  
136-195 - SHALE + CLAY  
195-207 - WATER SAND  
207-298 - Red CLAY  
298-332 - SANDY SHALE  
332-~~342~~ - WATER SAND  
342-362 - Red CLAY  
362-375 - Blue SHALE  
375-390 - Rock + Green SHALE  
390-412 - WATER SAND  
412-415 - Red CLAY

Send original copy by  
certified mail to the  
Texas Water Development Board  
P. O. Box 12386  
Austin, Texas 78711

State of Texas

## WATER WELL REPORT

For TWDB use only

Well No. \_\_\_\_\_  
Located on map 10  
Received: 5-1-69  
Form GW 8 \_\_\_\_\_  
Form GW 9 \_\_\_\_\_

1) OWNER:  
Person having well drilled Earl Richardson Address Montague, Lyano  
(Name) (Street or RFD) (City) (State)  
Landowner " Address "  
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:  
County Montague Labor \_\_\_\_\_ League \_\_\_\_\_ Abstract No. \_\_\_\_\_  
NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  of Section \_\_\_\_\_ Block No. \_\_\_\_\_ Survey \_\_\_\_\_  
(Circle as many as are known)  
miles in \_\_\_\_\_ direction IN Montague  
(NE, SW, etc.) (Town)

NORTH

Sketch map of well location with distances from adjacent section  
or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):  
New Well ☒ Deepening ☐  
Reconditioning ☐ Plugging ☐  
4) PROPOSED USE (Check):  
Domestic ☐ Industrial ☐ Municipal ☒  
Irrigation ☐ Test Well ☐ Other ☐  
5) TYPE OF WELL (Check):  
Rotary ☐ Driven ☐ Dug ☐  
Cable ☒ Jetted ☐ Bored ☐

6) WELL LOG:  
Diameter of hole 6" in. Depth drilled 415 ft. Depth of completed well 415 ft. Date drilled 5-1-69  
All measurements made from 1 ft. above ground level.

| From (ft.) | To (ft.) | Description and color of formation material | From (ft.) | To (ft.) | Description and color of formation material |
|------------|----------|---------------------------------------------|------------|----------|---------------------------------------------|
| 1          | 4        | Clay                                        | 298        | 332      | Sdy Shale                                   |
| 4          | 60       | Red Sand                                    | 332        | 342      | Water Sand                                  |
| 60         | 64       | Water Sand                                  | 342        | 362      | Red clay                                    |
| 64         | 126      | Shale & clay                                | 362        | 315      | Bl Shale                                    |
| 126        | 136      | Water Sand                                  | 315        | 390      | Rock & Brown Shale                          |
| 136        | 195      | Bl Shale & clay                             | 390        | 412      | Water Sand                                  |
| 195        | 207      | Water Sand                                  | 412        | 415      | Red clay                                    |
| 207        | 298      | Red clay                                    |            |          | (Use reverse side if necessary)             |

7) COMPLETION (Check):  
Straight wall ☒ Gravel packed ☐ Other ☐  
Under reamed ☐ Open hole ☐  
8) WATER LEVEL:  
Static level 156 ft. below land surface Date 5-1-69  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

9) CASING:  
Type: old ☒ New ☐ Steel ☒ Plastic ☐ Other ☐  
Cemented from 1 ft. to 116 ft.  
10) SCREEN:  
Type \_\_\_\_\_  
Perforated ☐ Slotted ☒

| Diameter (inches) | Setting From (ft.) | To (ft.) | Gage | Diameter (inches) | Setting From (ft.) | To (ft.) | Slot size       |
|-------------------|--------------------|----------|------|-------------------|--------------------|----------|-----------------|
| 8 $\frac{1}{2}$ " | 1                  | 126      | 27.4 | 5 $\frac{1}{2}$ " | 332                | 342      | $\frac{1}{4}$ " |
| 7                 | 1                  | 213      | 30.4 | 5 $\frac{1}{2}$ " | 390                | 412      | $\frac{1}{4}$ " |
| 6 $\frac{1}{2}$ " | 191                | 415      | 30.4 |                   |                    |          |                 |

11) WELL TESTS:  
Was a pump test made? ☐ Yes ☒ No If yes by whom? \_\_\_\_\_  
Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs  
Bailer test 40 gpm with \_\_\_\_\_ ft. drawdown after 1 hrs  
Artesian flow \_\_\_\_\_ gpm Date 5-1-69  
Temperature of water \_\_\_\_\_  
Was a chemical analysis made? ☐ Yes ☐ No  
Did any strata contain undesirable water? ☒ Yes ☐ No  
Type of water? hard water depth of strata down to 207  
12) PUMP DATA:  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ H.P. \_\_\_\_\_  
Designed pumping rate \_\_\_\_\_ gpm ☐ gph ☐  
Type power unit \_\_\_\_\_  
Depth to bowls, cylinder, jet, etc., \_\_\_\_\_ ft.  
below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that  
each and all of the statements herein are true to the best of my knowledge and belief.

NAME \_\_\_\_\_ (Type or Print) Water Well Drillers Registration No. 198  
Address \_\_\_\_\_ (Street or RFD) (City) (State)  
(Signed) Earl Richardson Jr. (Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TR 19-19-703